

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1           Claim 1 (Currently amended)   A mobile communication  
2   terminal comprising:  
3           an information managing portion; and  
4           a nonvolatile storage medium managed by the  
5   information managing portion and having a plurality of  
6   memory areas each for storing a value of an information  
7   item that is regularly accessed, wherein said information  
8   managing portion stores one value of the information item  
9   in one memory area and further wherein said information  
10   managing portion subsequently stores an updated value of  
11   the information item in a different memory area such that  
12   the one value and the updated value are both concurrently  
13   stored in the nonvolatile storage medium for some time  
14   period,  
15           wherein said information managing portion associates  
16   a management number with each stored value of the  
17   information item, with the management number indicating  
18   an update of the stored value, wherein the information  
19   managing portion utilizes the management number to select  
20   the updated value of the information item stored in the  
21   nonvolatile storage medium.

Claim 2 (Canceled)

1           Claim 3 (Previously presented) A mobile  
2 communication terminal comprising:  
3           an information managing portion;  
4           a nonvolatile storage medium; and  
5           a volatile storage medium, wherein the nonvolatile  
6 storage medium and the volatile storage medium are both  
7 managed by the information managing portion; and wherein  
8 said information managing portion stores identical  
9 information into the nonvolatile storage medium and the  
10 volatile storage medium, and further wherein said  
11 information managing portion then compares the identical  
12 information stored in both the nonvolatile storing medium  
13 and the volatile storage medium for consistency during an  
14 initial state, and further wherein said information  
15 managing portion retrieves the information stored in the  
16 nonvolatile storage medium if the information stored in  
17 the volatile storage medium is not consistent with the  
18 information stored in the nonvolatile storage medium.

1           Claim 4 (Previously presented) A mobile  
2 communication terminal as claimed in claim 3, wherein  
3 said information managing portion checks for a normality  
4 of the information by comparing with the information

5 stored in the nonvolatile storing medium unless a lack of  
6 consistency of the information stored in the volatile  
7 storing medium has occurred.

1 Claim 5 (Previously presented) A mobile  
2 communication terminal as claimed in claim 4 , wherein  
3 said information managing portion stores the identical  
4 information into the nonvolatile storing medium and the  
5 volatile storing medium at different times.

1 Claim 6 (Previously presented) A mobile  
2 communication terminal as claimed in claim 3, wherein  
3 said nonvolatile storage medium has a plurality of memory  
4 areas each for storing a value of an information item,  
5 and said information managing portion stores sequentially  
6 the values of the information items into the plurality of  
7 memory areas of the nonvolatile storing medium.

1 Claim 7 (Previously presented) A mobile  
2 communication terminal as claimed in claim 3, wherein  
3 said nonvolatile storage medium has a plurality of memory  
4 areas each for storing a value of an information item,  
5 and wherein said information managing portion attaches  
6 management numbers indicating updated sequences to  
7 information having a higher update frequency to the

8 nonvolatile storage medium, with the attaching occurring  
9 at a the time of the updating of the information, and  
10 further wherein said information managing portion decides  
11 which updated sequences of information having the higher  
12 update frequency based on management numbers when the  
13 information managing portion looks up the information  
14 stored in the nonvolatile storing medium.

1 Claim 8 (Previously presented) The mobile  
2 communication terminal of claim 1, wherein the value of  
3 the information item is time information.

1 Claim 9 (Previously presented) The mobile  
2 communication terminal of claim 1, further comprising  
3 only a single battery.

1 Claim 10 (Previously presented) The mobile  
2 communication terminal as claimed in claim 6, wherein  
3 said information managing portion associates a management  
4 number with each stored value of the information item,  
5 with the management number indicating an update of the  
6 stored value, wherein the information managing portion  
7 utilizes the management number to select the updated  
8 value of the information item stored in the nonvolatile  
9 storage medium.

1           Claim 11   (Currently amended)   A mobile  
2   communication terminal comprising:  
3           a receiver for receiving a wireless communication  
4   signal;  
5           a transmitter for transmitting a wireless  
6   communication signal;  
7           an information managing portion; and  
8           nonvolatile storage medium managed by the  
9   information managing portion and having a plurality of  
10   memory areas each for storing a value of an information  
11   item, wherein said information managing portion stores  
12   one value of the information item in one memory area and  
13   further wherein said information managing portion  
14   subsequently stores an additional value of the  
15   information item in a different memory area such that the  
16   one value and the additional value are both  
17   simultaneously stored in the nonvolatile storage medium  
18   for some time period,  
19           wherein said information managing portion associates  
20   a management number with each stored value of the  
21   information item, with the management number indicating  
22   an update of the stored value, wherein the information  
23   managing portion utilizes the management number to select  
24   the updated value of the information item stored in the

25        nonvolatile storage medium.

1            Claim 12 (Currently amended)    A mobile communication  
2        terminal comprising:

3            an information managing portion; and

4            a nonvolatile storage medium having:

5            a first memory area; and

6            a second memory area, wherein

7            said information managing portion stores a first  
8        value of an information item in the first memory area,  
9        and wherein

10           said information managing portion subsequently  
11        stores a second value of the information item in the  
12        second memory area with the second value being an updated  
13        value of the information item, such that the first value  
14        and the second value are both concurrently stored in the  
15        nonvolatile storage medium for some period of time, and  
16        further wherein

17           said information managing portion provides the  
18        second value which is an updated value to the mobile  
19        communications terminal when a current value of the  
20        information item is requested by the mobile  
21        communications terminal,

22           wherein said information managing portion associates  
23        a management number with each stored value of the

24     information item, with the management number indicating  
25     an update of the stored value, wherein the information  
26     managing portion utilizes the management number to select  
27     the updated value of the information item stored in the  
28     nonvolatile storage medium.

1           Claim 13 (Previously presented)   The mobile  
2     communication terminal of claim 12, wherein the  
3     nonvolatile memory area is one of an EEPROM and a flash  
4     ROM.

1           Claim 14 (Previously presented)   The mobile  
2     communication terminal of claim 12, further comprising  
3     only a single battery.

1           Claim 15 (Previously presented)   The mobile  
2     communication terminal of claim 12, wherein the  
3     information item represents time information.

1           Claim 16 (Previously presented)   A mobile  
2     communication terminal comprising:  
3           an information managing portion; and  
4           a nonvolatile storage medium having a plurality of  
5     memory areas, wherein  
6           said information managing portion stores a value of

7        an information item in the nonvolatile storage medium at  
8        regular time intervals by cycling through the plurality  
9        of memory areas such that each of said plurality of  
10       memory areas has a value of the information item stored  
11       therein, with each of the values being temporally shifted  
12       when compared to each other, and further wherein, when a  
13       request for a current value of the information item is  
14       received,

15                said information managing portion determines which  
16       of the values of the information item stored in  
17       nonvolatile memory was most recently stored and retrieves  
18       that value.

1                Claim 17 (Currently amended)    A mobile communication  
2       terminal comprising:

3                an information managing portion; and  
4                a nonvolatile storage medium having a plurality of  
5       memory areas, wherein

6                said information managing portion stores a plurality  
7       of values of an information item by performing the steps  
8       of:

9                storing a first value of the information item in a  
10       first memory area included in the plurality of memory  
11       areas at a first time;

12               storing a second value of the information item in a



13 second memory area included in the plurality of memory  
14 areas at a second time later than the first time; and  
15 optionally storing additional values of the  
16 information item, each stored in an additional memory  
17 area included in the plurality of memory areas at other  
18 times after the second time by cycling though a sequence  
19 of the plurality of memory areas;  
20 and further wherein said information managing  
21 portion responds to a request for a current value of the  
22 information item by retrieving the value of the  
23 information item that was most recently stored in the  
24 nonvolatile storage medium.

1 Claim 18 (Previously presented) A mobile  
2 communication terminal comprising:  
3 a volatile storage medium;  
4 an information managing portion; and  
5 a nonvolatile storage medium having a plurality of  
6 memory areas, wherein  
7 said information managing portion cycles through a  
8 sequence of said plurality of memory areas for each for  
9 concurrently storing a plurality of values of an  
10 information item, such that said information managing  
11 portion retrieves the most recently stored value of the  
12 information item when the mobile communications terminal

13 requests a value of the information item.

1 Claim 19 (Currently amended) A method for extending  
2 the lifetime of a nonvolatile memory of a communication  
3 device, the method comprising the steps of:

4 providing a wireless communication function for a  
5 user of the communication device and the nonvolatile  
6 memory with a plurality of memory areas ;

7 storing a first value of an information item in a  
8 first memory area of the nonvolatile memory;

9 storing a second value of the information item in a  
10 different memory area of the nonvolatile memory, with the  
11 second value being an updated value of the information  
12 item;

13 storing additional values of the information item,  
14 each stored in an additional memory area included in the  
15 plurality of memory areas of the nonvolatile memory, by  
16 cycling through a sequence of the plurality of memory  
17 areas;

18 ~~retrieving the second value of the information item~~  
19 ~~being an updated value of the information item instead of~~  
20 ~~the first value of the information item~~ a current value  
21 of the information item by retrieving the most recently  
22 stored value of the information item,

23 wherein the first value and the second value and

24      additional values of the information item are ~~both~~  
25      concurrently stored in the nonvolatile storage medium for  
26      some time period.

1            Claim 20    (Previously presented)    A method for  
2      extending the lifetime of a nonvolatile memory of a  
3      communication device, the method comprising the steps of:  
4            providing a wireless communication function for a  
5      user of the communication device;  
6            storing a one value of the information item in a  
7      first memory area of the nonvolatile memory;  
8            associating a first management number with said one  
9      value;  
10           storing an updated value of the information item in  
11      a different memory area of the nonvolatile memory;  
12           associating a second management number with said  
13      updated value; and  
14           retrieving the updated value of the information item  
15      by comparing the first management number with the second  
16      management number to identify the updated value of the  
17      information number,  
18           wherein the one value and the updated value of the  
19      information item are both concurrently stored in the  
20      nonvolatile storage medium for some time period.